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## United States Department of Agriculture

### MONTHLY LIST OF PUBLICATIONS

JANUARY, 1930

#### ~~Send no remittances to the U. S. Department of Agriculture~~

A copy of any of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

~~Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.~~

#### GENERAL PUBLICATIONS

##### FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Growing fruit for home use in the Great Plains area. H. P. Gould, Office of Horticultural Investigations, and Oliver J. Grace, superintendent, United States Dry-Land Field Station, Akron, Colo. 34 p., figs. 25. (Farmers' Bulletin 727 F., Rev.) Price, 5¢.

Castrating and docking lambs. G. H. Bedell, Bureau of Animal Industry, and E. W. Baker, Bureau of Agricultural Economics. 12 p., figs. 9. (Farmers' Bulletin 1134 F., Rev.) Price, 5¢.

Sheep-killing dogs. V. L. Simmons, Bureau of Animal Industry. 33 p. (Farmers' Bulletin 1268 F., Rev.) Price, 5¢.

Herbaceous perennials. Furman Lloyd Mulford, Bureau of Plant Industry. 85 p., figs. 66. (Farmers' Bulletin 1381 F., Rev.) Price, 15¢.

Oats in the western half of the United States. T. R. Stanton and F. A. Coffman, Bureau of Plant Industry. 22 p., figs. 11. (Farmers' Bulletin 1611 F.) Price, 5¢.

Propagation of aquatic game birds. W. L. McAtee, Bureau of Biological Survey. 41 p., figs. 25. (Farmers' Bulletin 1612 F.) Price, 10¢.

Propagation of upland game birds. W. L. McAtee, Bureau of Biological Survey. 61 p., figs. 35. (Farmers' Bulletin 1613 F.) Price, 10¢.

Business records for poultry keepers. E. R. Johnson, Bureau of Agricultural Economics, and A. R. Lee, Bureau of Animal Industry. 20 p. (Farmers' Bulletin 1614 F.) Price, 5¢.

Soybean utilization. W. J. Morse, Bureau of Plant Industry. 28 p., figs. 11. (Farmers' Bulletin 1617 F.) Price, 5¢.

##### DEPARTMENT BULLETINS

The Department Bulletins are technical or scientific in nature and apply to a special crop, industry, or locality. This series ends with No. 1500, and is succeeded by the Technical Bulletin series. The editions are limited.

Stock-poisoning plants of the range. C. D. Marsh, Bureau of Animal Industry. 75 p., figs. 33, pls. 50. (Department Bulletin 1245-D., Rev.) Price, 35¢.

##### TECHNICAL BULLETINS

The Technical Bulletins contain the results of experiments to determine primarily for scientific workers and subject-matter specialists.

Flow of water in drainage channels: The results of experiments to determine the roughness coefficient  $n$  in Kutter's formula. C. E. Ramser, Bureau of Public Roads. 102 p., figs. 20, pls. 31. (Technical Bulletin 129 T.) Price, 40¢.

**Properties of western hemlock and their relation to uses of the wood.** R. P. A. Johnson, Forest Products Laboratory, Madison, Wis., and W. H. Gibbons, Forest Service. 62 p., figs. 21, pls. 11. (Technical Bulletin 139 T.) Price, 20¢.

**The habits and economic importance of alligators.** Remington Kellogg, formerly of Bureau of Biological Survey. 36 p., figs. 2, pls. 2. (Technical Bulletin 147 T.) Price, 10¢.

**The frozen-pack method of preserving berries in the Pacific Northwest.** H. C. Diehl and J. R. Magness, Bureau of Plant Industry; C. R. Gross and V. B. Bonney, Food, Drug, and Insecticide Administration. 38 p., figs. 15. (Technical Bulletin 148 T.) Price, 10¢.

**Fungous diseases of the honeybee.** C. E. Burnside, Bureau of Entomology. 43 p., figs. 5, pls. 6. (Technical Bulletin 149 T.) Price, 15¢.

**Vegetable propagation from the standpoint of plant anatomy.** J. H. Priestley, Professor of Botany, University of Leeds, England, and Charles F. Swingle, Bureau of Plant Industry. 99 p., pls. 24. (Technical Bulletin 151 T.) Price, 35¢.

**Effect of milk-plant arrangement and methods of operation on labor requirements.** C. E. Clement, P. E. Le Fevre, J. B. Bain, and F. M. Grant, Bureau of Dairy Industry. 40 p., figs. 21. (Technical Bulletin 153 T.) Price, 15¢.

**Quaking aspen: A study in applied forest pathology.** E. P. Meinecke, Bureau of Plant Industry. 34 p., figs. 5, pls. 2. (Technical Bulletin 155 T.) Price, 10¢.

**Investigations in weed control by zinc sulphate and other chemicals at the Savenac forest nursery.** W. G. Wahlberg, Forest Service. 36 p., figs. 3, pls. 7. (Technical Bulletin 156 T.) Price, 15¢.

**The western grass-stem sawfly a pest of small grains.** C. N. Ainslie, Bureau of Entomology. 24 p., figs. 16. (Technical Bulletin 157 T.) Price, 5¢.

**Life history, habits, and control of the Mormon cricket.** Frank T. Cowan, Bureau of Entomology. 28 p., figs. 24. (Technical Bulletin 161 T.) Price, 10¢.

**The wearing quality and other properties of vegetable-tanned and of chrome-retanned sole leather.** R. W. Frey and I. D. Clarke, Bureau of Chemistry and Soils. 18 p., figs. 2. (Technical Bulletin 169 T.) Price, 5¢.

**A pipette method of mechanical analysis of soils based on improved dispersion procedure.** L. B. Olmstead, Lyle T. Alexander, and H. E. Middleton, Bureau of Chemistry and Soils. 23 p., figs. 2. (Technical Bulletin 170 T.) Price, 5¢.

#### CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

**A business analysis of the Producers Live Stock Commission Association of National Stock Yards, Ill.** Kelsey B. Gardner, Bureau of Agricultural Economics. 45 p., figs. 10. (Circular 86 C.) Price, 10¢.

**Forest nursery and planting practice in the California pine region.** S. B. Show, Forest Service. 75 p., figs. 17. (Circular 92 C.) Price, 15¢.

**Subsoil an important factor in the growth of apple trees in the Ozarks.** A. T. Sweet, Bureau of Chemistry and Soils. 12 p., fig. 1; pls. 5. (Circular 95 C.) Price, 10¢.

**Equipment for city milk plants.** C. E. Clement and F. M. Grant, Bureau of Dairy Industry. 36 p., figs. 18. (Circular 99 C.) Price, 10¢.

#### MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

**Pocket guide to Alaska trees.** Raymond F. Taylor, Forest Service. 39 p., illus., 1 map. (Miscellaneous Publication 55 M.) Price, 15¢.

**Bibliography on the relation of clothing to health.** Ruth O'Brien, Esther C. Peterson, and Ruby K. Worner, Bureau of Home Economics. 146 p. (Miscellaneous Publication 62 M.) Price, 25¢.

Economic benefits of eradicating tuberculosis from livestock. John R. Mohler, A. E. Wight, and L. B. Ernest, Bureau of Animal Industry. 24 p., figs. 8. (Miscellaneous Publication 66 M.) Price, 5¢.

Construction of a sled-type cornstalk shaver. Frank Irons, Bureau of Public Roads. 10 p., figs. 22. (Miscellaneous Publication 69 M.) Price, 5¢.

#### STATISTICAL BULLETINS

Tables giving statistics relating to one or more closely related agricultural commodities. Of interest to persons engaged in marketing or any business affected by agricultural production.

Car-lot shipments of fruits and vegetables from stations in the United States for the calendar years 1926 and 1927. Prepared by the Bureau of Agricultural Economics. 156 p. (Statistical Bulletin 27 S.) Price, 25¢.

#### SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils which controls their distribution.

California, The Salinas Area. Price, 35¢.	Texas, Hidalgo County. Price, 25¢.
North Carolina, Wilson County. Price, 20¢.	Texas, Willacy County. Price, 20¢.
South Dakota, Moody County. Price, 15¢.	West Virginia, Monroe County. Price, 20¢.

#### SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Proceedings of International Universal Cotton Standards Conference of 1929 and items relating to the administration of the United States cotton futures and cotton standards acts. Bureau of Agricultural Economics, Service and Regulatory Announcements No. 117. 23 p. (S. R. A., B. A. E., No. 117.)

To prevent the spread of scabies in sheep.—Releasing from quarantine Sonoma and Mendocino Counties, Calif. B. A. I. Order 303, Amdt. 2. 1 p.

Service and Regulatory Announcements, Bureau of Animal Industry, December, 1929. No. 272. pp. 107-114. (S. R. A.—B. A. I. 272.) Price, 5¢.

Index to Notices of Judgment 15001 to 16000. [Compiled by the Food, Drug, and Insecticide Administration.] pp. 533-542. Price, 5¢.

European Corn-borer quarantine. Quarantine No. 43. Revision of regulations. Plant Quarantine and Control Administration. 8 p. (P. Q. C. A.—Q. 43.)

Pink-bollworm quarantine No. 52. Revision of Regulations. 6 p. (P. Q. C. A.—Q. 52.)

Service and Regulatory Announcements, Plant Quarantine and Control Administration, April-June, 1929. pp. 49-130. (S. R. A.—P. Q. C. A. No. 99.) Price, 15¢.

Service and Regulatory Announcements, Plant Quarantine and Control Administration, July-September, 1929. Service and Regulatory Announcements No 100. pp. 131-179. (S. R. A.—P. Q. C. A. 100.) Price, 10¢.

#### OTHER PUBLICATIONS

Report of the Chief of the Weather Bureau, 1928-29. C. F. Marvin. 250 p. Price, \$1.00.

Report of the Porto Rico Agricultural Experiment Station, 1928. 38 p., figs. 9. Price, 10¢.

Utilization and composition of Oriental vegetables in Hawaii. H. L. Chung and J. C. Riperton. 64 p., figs. 52. (Hawaii Bulletin 60.) Price, 35¢.

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## PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

**Agricultural situation.** Vol. 14, No. 1. January 1, 1930. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.<sup>1</sup>

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

**Climatological data.** Vol. 16, No. 9, September; No. 10, October, 1929.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or \$4 a year.<sup>1</sup> Not for general distribution.

**Crops and markets.** Vol. 6, No. 12. December, 1929; Vol. 7, No. 1. January, 1930. Price, 5¢ a copy; 60¢ a year, domestic; 85¢ a year, foreign.<sup>1</sup>

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, condition and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

**Daily Weather Maps.** Limited editions. Not for general distribution.

Edition 1 contains forecasts for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, and Michigan. Editions issued at Washington, D. C., are 25¢ a month, \$2.50 a year. Edition 2 contains forecasts for the entire United States; 30¢ a month, \$3 a year. Neither edition furnished in quantities unless the order is placed with the Superintendent of Documents, in advance of issue. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, \$2 a year.<sup>1</sup>

**Experiment Station Record.** Vol. 61, No. 8. December, 1929; No. 9, December Abstract Number; Vol. 62, No. 1. January, 1930. Single numbers for sale only. Price, 10¢.<sup>1</sup>

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; \$1.25 a volume, foreign.

**Forest Worker.** Vol. 5, No. 6. November, 1929. Price, 5¢ a copy; 25¢ a year, domestic; 35¢ a year, foreign.<sup>1</sup>

News of State forestry, forestry education, private forestry, and the work of the Forest Service.

**Journal of Agricultural Research.** Vol. 40, No. 1. January, 1930. Illus. Price, 20¢ a copy; \$4 a year, domestic; \$5.25 a year, foreign. Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them as long as the limited supply lasts.

**Monthly Weather Review.** Vol. 57, No. 10. October, 1929. Illus. Price, 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign. Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretive summary, and (3) climatological tables.

**The Official Record.** Vol. 9, Nos. 1-5. January 2, 9, 16, 23, 30, 1930. Price, 5¢ a copy; 50¢ a year, domestic; \$1.10 a year, foreign.

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

**Public Roads.** Vol. 10. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year foreign.<sup>1</sup>

No. 11. Contents: Bituminous surface treatment of sand-lay and topsoil roads.

**Snow and Ice Bulletin.** Nos. 3-7. January 2, 8, 15, 22, 29, 1930. 1 p., map. 50¢ a year. Free distribution limited to cooperators with the Weather Bureau.

Issued on Tuesdays during the winter. Based on data from regular Weekly Bureau and selected cooperative stations. As far as practicable all reports of snow and ice are given.

**Weather outlook.** Limited edition. Not for general distribution.

Prepared at and distributed from the following forecast centers of the Weather Bureau: Washington, D. C., New Orleans, La., Chicago, Ill., Denver, Colo., and San Francisco, Calif.

**Weekly weather and crop bulletin.** Price, 50¢ a year, domestic; \$1 a year, foreign.<sup>1</sup>

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

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<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.